

Notice of Allowability

Application No.

09/415,295

Examiner

Khanh Dinh

Applicant(s)

BEN-EFRAIM ET AL.

Art Unit

2151

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Appeal Brief filed on 3/17/2006.
2. ☒ The allowed claim(s) is/are 1,2,4,5,8-18,21,23-30,32-41,43,44,94,95 and 97.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date 5/26/2006.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

Khanh Dinh
Primary Examiner

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mary Jo Bertani (the Undersigned Attorney, Reg. No.42,231) on 6/26/2006.

The application has been amended as follows:

IN THE CLAIMS:

Please further **cancel** claims 86-89, 96 and 98.

Please **amend** claims as follows:

AMENDMENTS TO THE CLAIMS

--1. (Currently amended): A mobile information network browser device with audio feedback capability, the information network comprising a plurality of network servers, the browser device comprising:

- a wireless communication interface operable to transmit data to a network server, and to receive data from the network server;
- an audio interface operable to receive data from the wireless communication interface; wherein the data transmitted to the network server includes a request for information, and the data received from the network server includes information responsive to the request;
- an audio converter, the audio converter being operable to receive the information responsive to the request, the audio converter being further operable to convert the responsive information to an audio signal;

a car radio; ~~and~~

a short-range radio, wherein the audio converter outputs the audio signal to the short-range radio, the short-range radio being operable to broadcast the audio signal to a channel on the car radio while the car radio is mobile as well as when the car radio is stationary; and

computer executable logic instructions operable to allow the user to indicate whether to wait to transmit the responsive information to the car radio until reception improves.

2. (Original): The browser device, as set forth in claim 1, further comprising:

a voice interaction system operable to recognize commands from a user's speech input for interaction with the browser device including the request for information.

3. (Canceled)

4. (Previously presented): The browser device, as set forth in claim 2, wherein the audio converter outputs the audio signal to at least one audio speaker.

5. (Previously presented): The browser device, as set forth in claim 1, wherein the audio converter outputs the audio signal to a set of headphones.

6. (Canceled)

7. (Canceled)

8. (Previously presented): The browser device, as set forth in claim 1, wherein the audio converter outputs the audio signal to a cassette adapter.

9. (Previously presented): The browser device, as set forth in claim 1, wherein the audio converter outputs the audio signal to a data storage medium.

10. (Original): The browser device, as set forth in claim 2, further comprising:
a microphone for receiving the speech input from the user.

11. (Original): The browser device, as set forth in claim 1, further comprising:
first program instructions for converting the responsive information from a text format to an audio format.

12. (Original): The browser device, as set forth in claim 11, wherein the first program instructions are loaded and executed in the network server.

13. (Original): The browser device, as set forth in claim 11, wherein the first program instructions are loaded and executed in the audio interface.

14. (Original): The browser device, as set forth in claim 1, further comprising:
first program instructions for encrypting the user input prior to being transmitted to the wireless communication interface.

15. (Original): The browser device, as set forth in claim 1, further comprising:
first program instructions for decrypting the responsive information.

16. (Original): The browser device, as set forth in claim 1, further comprising:
first program instructions for compressing the user input prior to being transmitted to the wireless communication interface.

17. (Original): The browser device, as set forth in claim 1, further comprising:
first program instructions for decompressing the responsive information.

18. (Original): The browser device, as set forth in claim 1, further comprising:
first program instructions for allowing the user to enter personal information to customize interaction with the browser device.

19. (Canceled)

20. (Canceled)

21. (Original): The browser device, as set forth in claim 1, further comprising:
an input buffer for storing the responsive information until the user commands the browser device to playback the responsive information.

22. (Canceled)

23. (Previously presented): The browser device, as set forth in claim 1, further comprising:
a position-keeping system for providing the geographic location of the browser device to the network server via the wireless communication network, wherein the responsive information is based on the geographic location of the browser device.

24. (Currently amended): A portable browser system with feedback capability for browsing an information network comprising:

at least one data processor in communication with a wireless communication network, the at least one data processor being operable to execute first program instructions for receiving a user's input, second program instructions for requesting information from the information network, third program instructions for receiving responsive information from the information network, and fourth program instructions for transmitting the responsive information received from the information network;

a car radio;

an audio output device operable to receive the responsive information from the data processor, the audio output device being further operable to output the responsive information to the user in audio format, wherein the audio output device includes a short-range wireless radio, the audio converter being operable to output the audio signal to the short-range wireless radio, the short-range wireless radio being operable to broadcast the audio signal to a channel on the car radio while the car radio is mobile as well as when the car radio is stationary;

a position-keeping system operable to determine the geographic location of the portable browser system; ~~and~~

a location processor operable to issue an alert when the portable browser system is approaching an area where there is an incidence of wireless data communication loss greater than a pre-selected threshold; and

computer executable logic instructions operable to allow the user to indicate whether to wait to transmit the responsive information to the car radio until reception improves.

25. (Previously presented): The browser system, as set forth in claim 24, further comprising:

a voice interaction system operable to recognize commands from a user's speech input to interact with the browser system.

26. (Original): The browser system, as set forth in claim 24, further comprising:
an audio converter coupled to the audio output device, the audio converter being operable to receive the responsive information from the data processor, the audio converter being further operable to convert the responsive information to an audio signal for output to the audio output device.

27. (Original): The browser system, as set forth in claim 24, wherein the audio output device includes at least one audio speaker.

28. (Original): The browser system, as set forth in claim 24, wherein the audio output device includes a cassette adapter.

29. (Original): The browser system, as set forth in claim 24, wherein the audio output device includes a data storage medium.

30. (Original): The browser system, as set forth in claim 24, wherein the audio output device includes a set of headphones.

31. (Canceled)

32. (Original): The browser system, as set forth in claim 25, further comprising:
a microphone in communication with the voice interaction system for receiving the user's speech.

33. (Original): The browser system, as set forth in claim 25, further comprising:
a telephone in communication with the voice interaction system for receiving the user's speech input.

34. (Original): The browser system, as set forth in claim 24, further comprising:

fifth program instructions for converting the responsive information from a text format to an audio format.

35. (Original): The browser system, as set forth in claim 34, wherein the fifth program instructions are loaded and executed in the network server.

36. (Original): The browser system, as set forth in claim 34, wherein the fifth program instructions are loaded and executed in the data processor.

37. (Original): The browser system, as set forth in claim 24, further comprising:

fifth program instructions for allowing the user to enter personal information to customize interaction with the browser system.

38. (Original): The browser system, as set forth in claim 24, further comprising:

fifth program instructions for encrypting the user input prior to being transmitted to the wireless communication network.

39. (Original): The browser system, as set forth in claim 24, further comprising:

fifth program instructions for decrypting the responsive information.

40. (Original): The browser system, as set forth in claim 24, further comprising:

fifth program instructions for compressing the user input prior to transmitting the user input to the wireless communication network.

41. (Original): The browser system, as set forth in claim 24, further comprising:

fifth program instructions for decompressing the responsive information.

42. (Canceled)

43. (Original): The browser system, as set forth in claim 24, further comprising:

an input buffer for storing the responsive information until the user commands the browser system to playback the responsive information.

44. (Original): The browser system, as set forth in claim 26, further comprising:

an input buffer for storing the responsive information until the audio converter processes it.

Claims 45-85 (Withdrawn)

86. (Canceled)

87. (Canceled)

88. (Canceled)

89. (Canceled)

90-93. (Canceled)

94. (Currently amended): A portable browser device for browsing an information network via wireless communication comprising:

a car radio;

computer executable logic instructions operable to:

receive a user's input;

request information from the information network based on the user's input;

receive responsive information from the information network;

determine when the portable browser device is approaching an area where there is an incidence of wireless data communication loss greater than a pre-selected threshold; and

buffer in a greater amount of the responsive information than usual before the portable browser device reaches the area where there is an incidence of wireless data communication loss greater than a pre-selected threshold;

allow the user to indicate whether to wait to transmit the responsive information to the car radio until reception improves;

~~a car radio;~~ and

a transmitter operable to broadcast data based on the responsive information received from the information network for output on a channel of the car radio while the car radio is mobile as well as when the car radio is stationary.

95. (Previously presented): The browser device, as set forth in claim 94, further comprising computer executable logic instructions operable to access a database of information regarding the incidence of data loss in an area.

96. (Canceled)

97. (Previously presented): The browser device, as set forth in claim 94, further comprising an adapter plug insertable in an automobile cigarette lighter to supply power to the browser device.

98. (Canceled)--

Drawings Note

2. New corrected drawings in compliance with 37 CFR 1.121(d) are required in this application because the handwriting on the drawings (filed on 10/8/1999) is not clear and legible. Applicant is advised to employ the services of a competent patent draftsman outside the Office, as the U.S. Patent and Trademark Office no longer prepares new drawings. The corrected drawings are required in reply to the Office action to avoid abandonment of the application. The requirement for corrected drawings will not be held in abeyance.

Reason for allowance

3. This communication warrants no examiner's reason for allowance, as applicant's reply makes evident the reason for allowance, satisfying the record as whole as required by rule 37 CFR 1.104(e). In this case, the substance of applicant's remarks filed on 3/17/2006 with respect to the added claim limitation point out the reason claims are patentable over the prior art of record. Thus, the reason for allowance is in all probability evident from the record and no statement for examiner's reason for allowance is necessary (see MPEP 13202.14).

Allowabl Subject Matter

4. Claims 1, 2, 4, 5, 8-18, 21, 23-30, 32-41, 43, 44, 94, 95, 97 are allowed.

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khanh Dinh whose telephone number is (571) 272-3936. The examiner can normally be reached on Monday through Friday from 8:00 A.m. to 5:00 P.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Zarni Maung, can be reached on (571) 272-3939. The fax phone number for this group is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Khanh Dinh

Khanh Dinh
Primary Examiner
Art Unit 2151
5/26/2006